

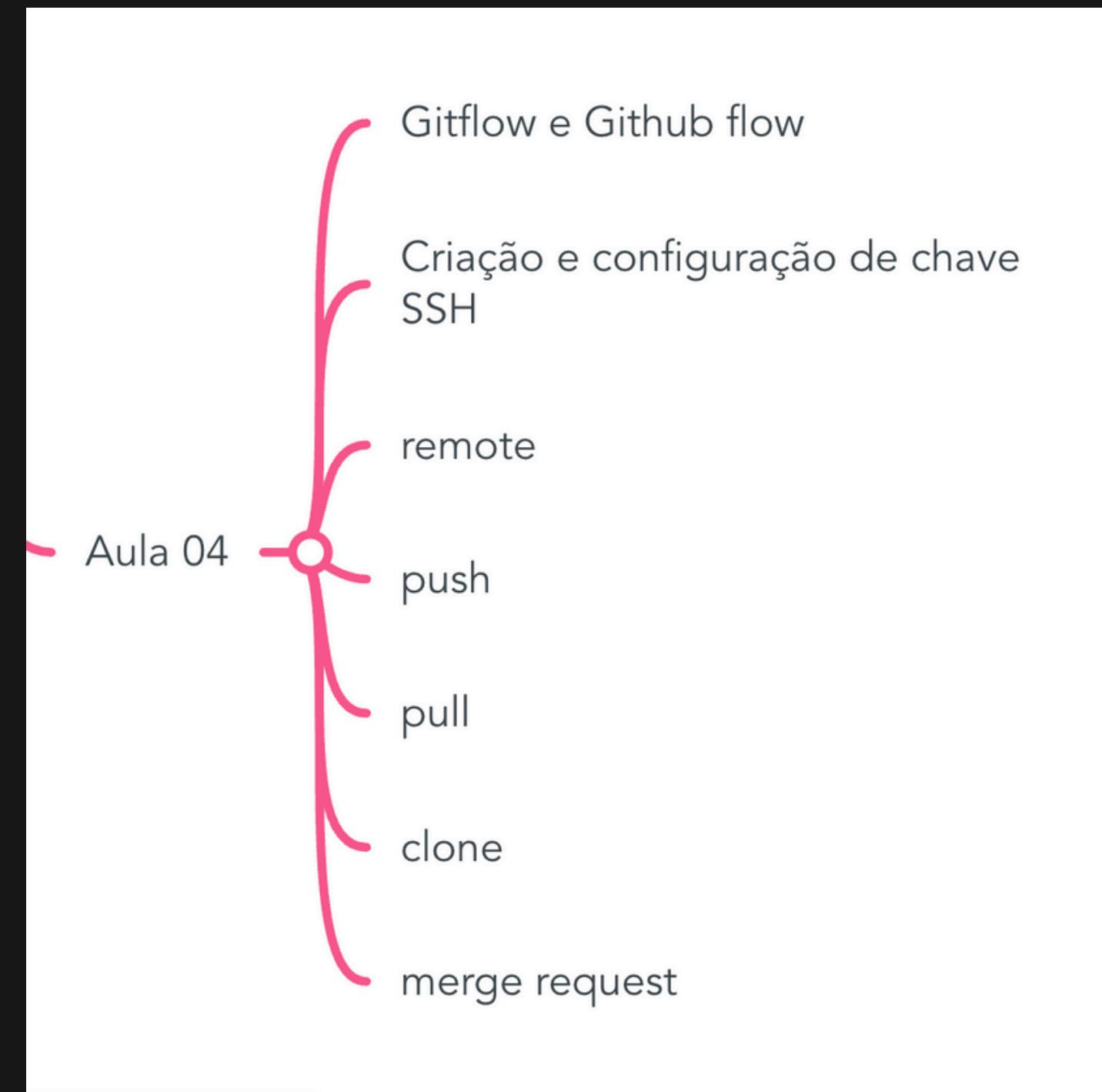


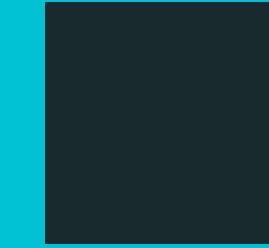
Engenharia de Software II

Aula 04

Objetivo

Trabalhar com repositórios remotos



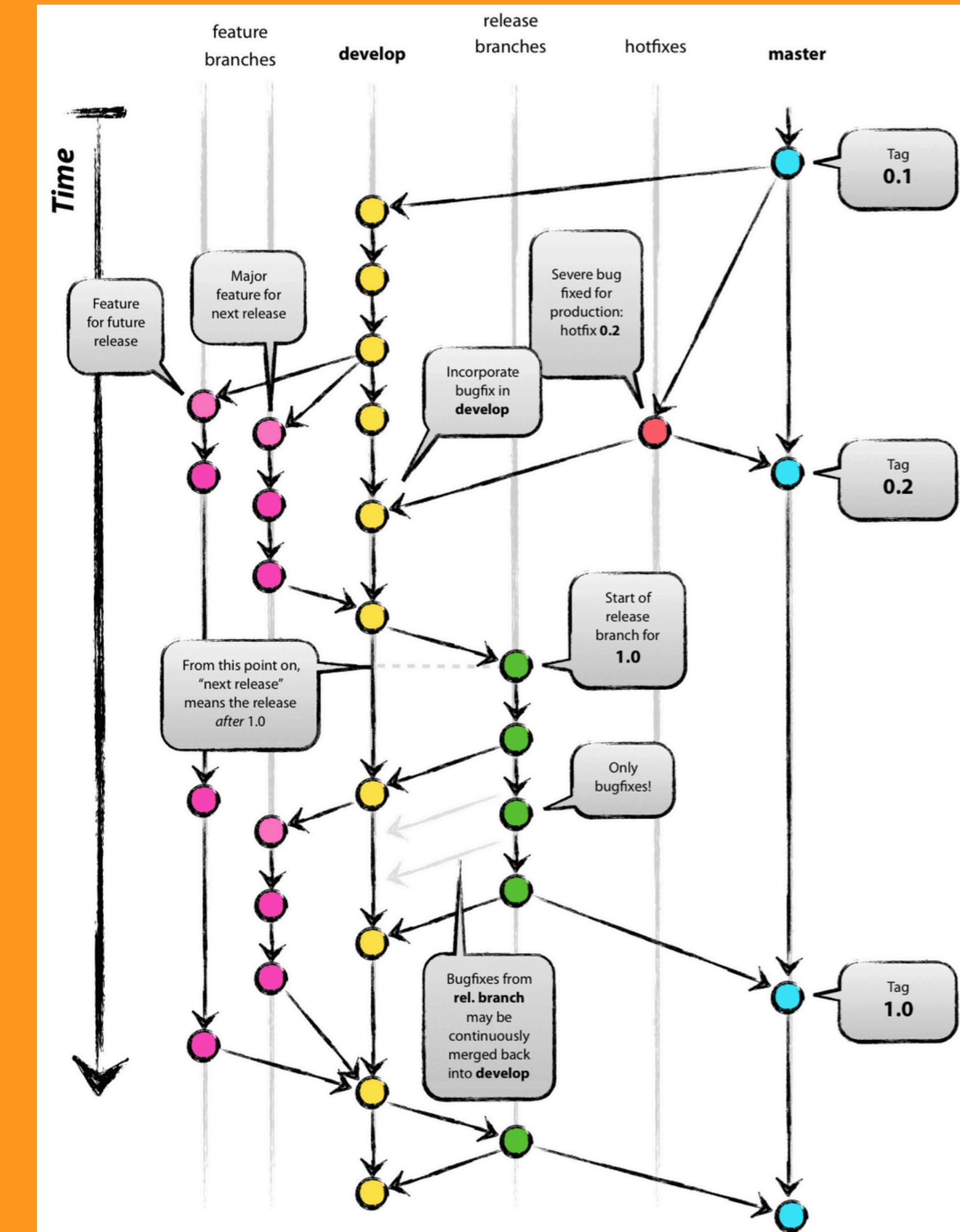


Exemplo de workflow



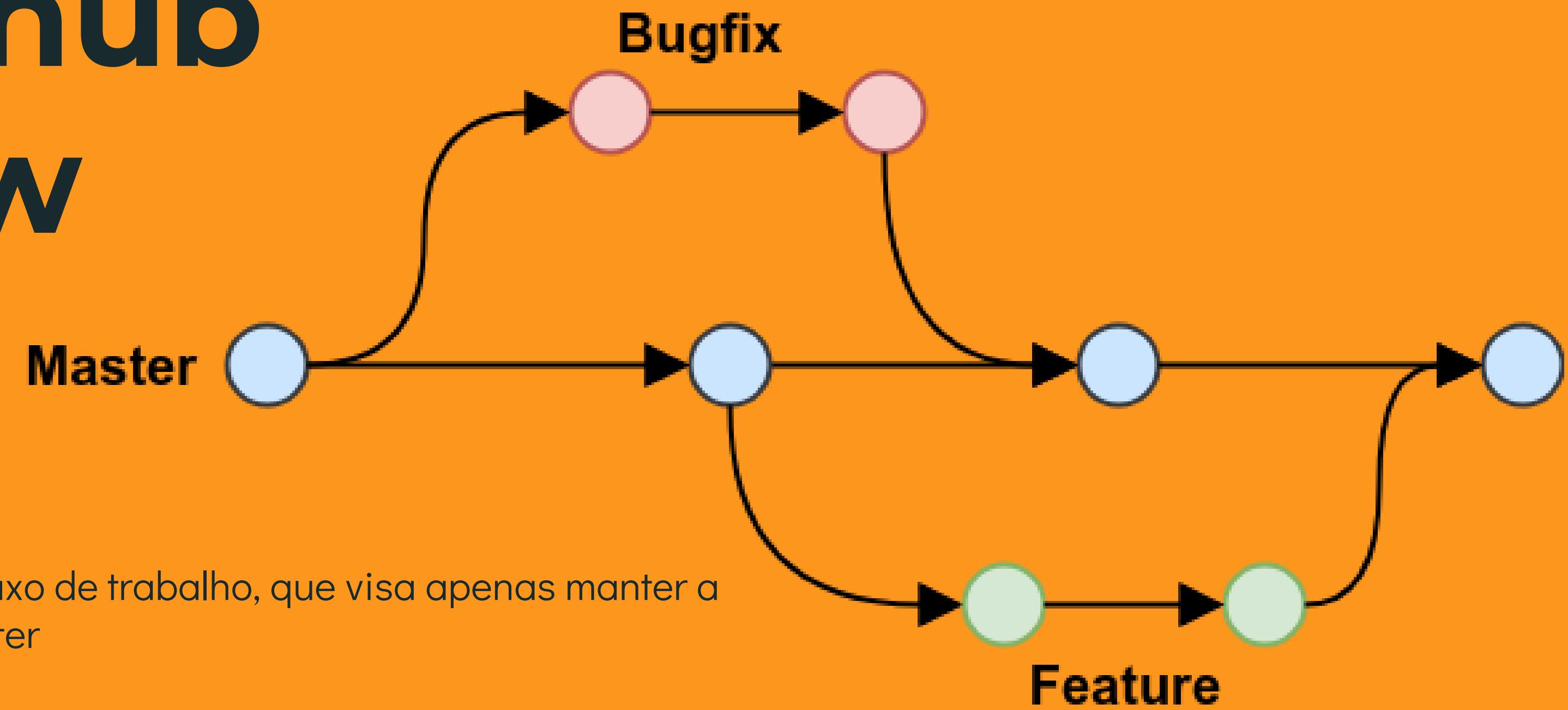
Git flow

Um conjunto de extensões para o git que provê operações de alto-nível para repositórios usando o modelo de branches do Vincent Driessen





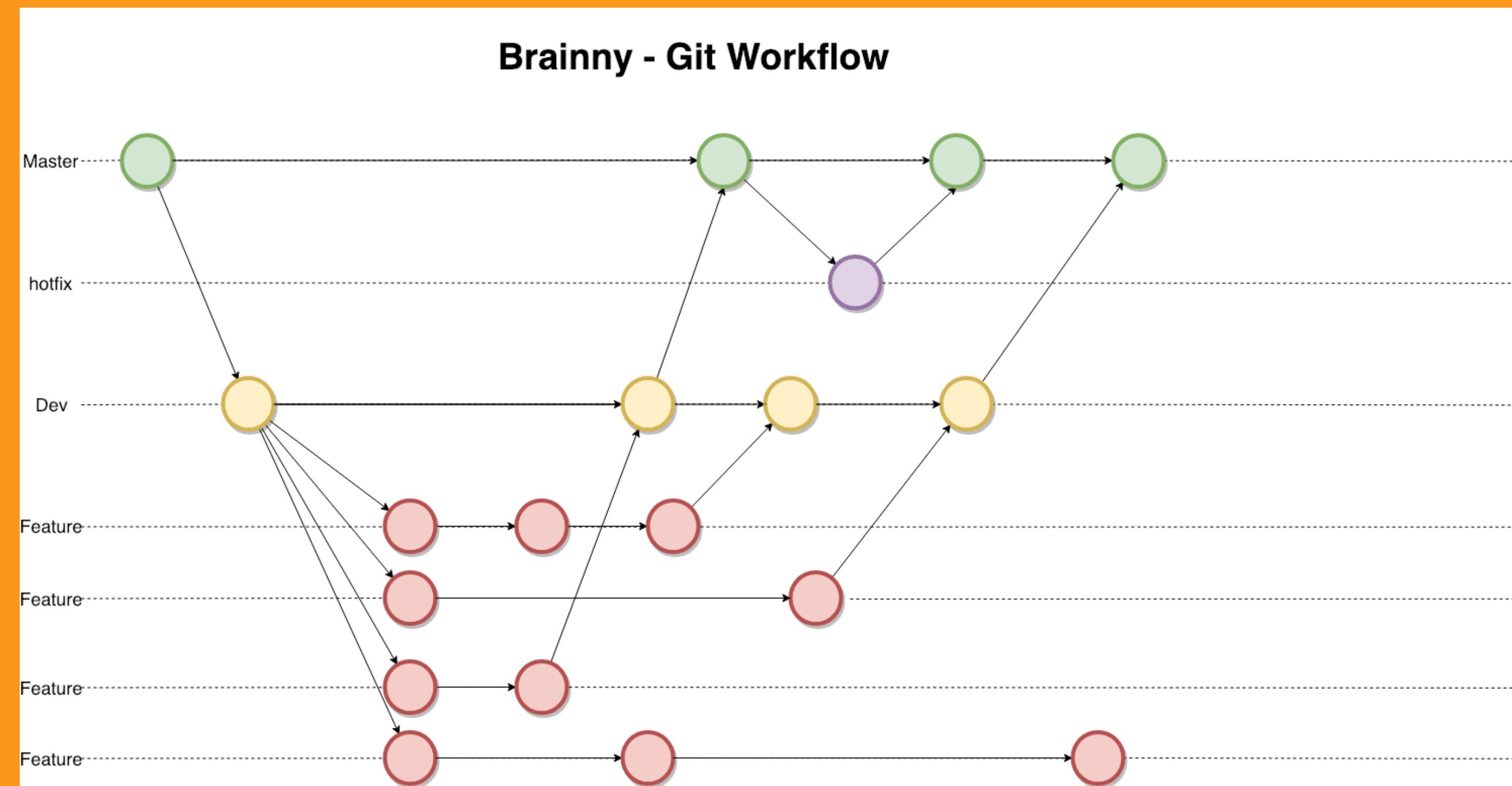
Github flow

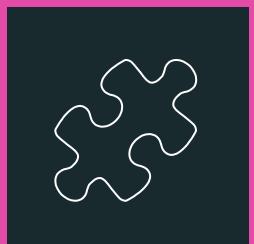


Alternative flow



Uma mescla dos dois fluxos de trabalho





**Vamos utilizar
agora um
repositório remoto**

***CRIEM UM PROJETO NO
GITLAB.COM PARA
COLOCARMOS NOSSO
FONTE***



Gitlab

Seguro <https://gitlab.com/projects/new>

Apps www.les.inf.puc-rio.... Angelo Goncalves d... http://192.168.100... Metotologias Ágeis

Projects

New project

Create or Import your project from popular Git services

Project path

Project name

Want to house several dependent projects under the same namespace? [Create a group](#)

Import project from

GitHub Bitbucket Google Code Fogbugz Gitea git Repo by URL GitLab export

Project description (optional)

Description format

Visibility Level [?](#)

Private Project access must be granted explicitly to each user.

Internal The project can be cloned by any logged in user.

Public The project can be cloned without any authentication.

Create project

Cancel



Gitlab

Project Registry Issues 0 Merge Requests 0 Pipelines Wiki Settings

Home Activity Cycle Analytics

Project 'WebProjectESII' was successfully created.

You won't be able to pull or push project code via SSH until you [add an SSH key](#) to your profile.

[Don't show again](#) | [Remind later](#)

You won't be able to pull or push project code via HTTPS until you [set a password](#) on your account.

[Don't show again](#) | [Remind later](#)

W

WebProjectESII 🔒

Star 0 HTTPS https://angelogl@gitlab.com/ Global

The repository for this project is empty

If you already have files you can push them using command line instructions below.

Otherwise you can start with adding a [README](#), a [LICENSE](#), or a [.gitignore](#) to this project.

Gitlab SSH keys



User Settings

Profile Account Applications Chat Access Tokens Emails Password Notifications **SSH Keys** Pre >

SSH Keys

SSH keys allow you to establish a secure connection between your computer and GitLab.

Add an SSH key

Before you can add an SSH key you need to [generate it](#).

Key

Don't paste the private part of the SSH key. Paste the public part, which is usually contained in the file `'~/.ssh/id_rsa.pub'` and begins with 'ssh-rsa'.

Title

Add key

Your SSH keys (0)

There are no SSH keys with access to your account.

```
[MacBook-Pro-de-Angelo:src angelodaluz$ ssh-keygen -t rsa -C "angelogl@gmail.com" -b 4096
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/angelodaluz/.ssh/id_rsa):
[Enter passphrase (empty for no passphrase):
[Enter same passphrase again:
Your identification has been saved in /Users/angelodaluz/.ssh/id_rsa.
Your public key has been saved in /Users/angelodaluz/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:od0BL1YZ83SAQLz/QtfEBXjjr9gJv9Es4YTN+Lk+1NM angelogl@gmail.com
The key's randomart image is:
+---[RSA 4096]---+
|   oo.o.oo. |
| ...*..o .  |
| ..= .+ o   |
| .= o =+    |
| =.S oo=o .  |
| . oo o+o=+ E|
|   . o **oo. |
|     . o *+   |
|       . +o   |
+---[SHA256]---+
MacBook-Pro-de-Angelo:src angelodaluz$
```

Localização da chave.



Copiar a chave para o Gitlab

```
[MacBook-Pro-de-Angelo:src angelodaluz$ cat /Users/angelodaluz/.ssh/id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAQABAAQCAQDR7UCx8zNC52d/kYuSmpb7p6cMxK/dJqBtdXtMe+VjipG5QceNgY
jGEqB1TaaaQT2+PMRYZ0RHvcXY3GF3+N0TvTHVaVjf2hM8MytaeYgByXVIJBiH+LQi8NrBpsHiBVi0f7ZUd/usKx
a0gf552SgvQ3IqdHrLI7YS1VEokQuQw8Emev86rUiLhH87JXNWNR9r8sVSDq6I+wsQY3mk97yRUmEM7gl5rX/6QWN1
o1xtW96Tule0dRU46nmX3k35HCqbJWR7dmkVjJ4uFGxCAPWogNGExzv/FqkR7JNd+5BNs6ZZd30auW/LlUq1Wwi6sd
Jadk4rj7ZBM9puyQKiUynMLqP/H1AsMdA34RQwUTy772WNsvSNXjuubeD346bCqEWU58t8F849320SavPY5J5UNNqF
HsAL4d4zp7uhnW4J37jjUfp7jIngHqEjTioCK0eyf9Tfk3LwmcLhVUY8pg0bzoBQFb0Sf+8QNX3aSrCFAINuCCEJ1w
iA6AXWcUs5WgAJjKsV9+qVJwsqLBq2BQfH6Lf5L4EF920Wyt0jGB5a2T67sZ5P7thVWe7K1RjCx0kxjgG8wJqsmw9
N/55uzh0KivTF4DSGuF4WUmQmLW0vawS+5gG7QXsJanmr4bPlClhHrWhjUrAYwkJJlATbLbRTZrdF2oMF3mYyK6RyV
tQ== angelogl@gmail.com
MacBook-Pro-de-Angelo:src angelodaluz$
```

Project Registry Issues 0 Merge Requests 0 Pipelines Wiki Settings

Home Activity Cycle Analytics

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[Don't show again](#) | [Remind later](#)

 WebProjectESII 

Star 0 HTTPS <https://angelogl@gitlab.com/>   Global 

The repository for this project is empty
If you already have files you can push them using command line instructions below.
Otherwise you can start with adding a [README](#), a [LICENSE](#), or a [.gitignore](#) to this project.

Siga
instruções
corretas e faça
o push do seu
projeto

Git global setup

```
git config --global user.name "Angelo Luz"  
git config --global user.email "angelogl@gmail.com"
```

Create a new repository

```
git clone https://angelogl@gitlab.com/angelogl/WebProjectESII.git  
cd WebProjectESII  
touch README.md  
git add README.md  
git commit -m "add README"  
git push -u origin master
```

Existing folder

```
cd existing_folder  
git init  
git remote add origin https://angelogl@gitlab.com/angelogl/WebProjectESII.git  
git add .  
git commit  
git push -u origin master
```

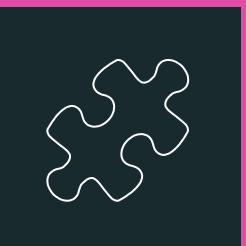
Existing Git repository

```
cd existing_repo  
git remote add origin https://angelogl@gitlab.com/angelogl/WebProjectESII.git  
git push -u origin --all  
git push -u origin --tags
```

Git push



***NOTE QUE O PARÂMETRO -U FAZ
COM QUE AS INFORMAÇÕES SEJAM
GUARDADAS, E NAS PRÓXIMAS
UTILIZAÇÕES PODEMOS UTILIZAR O
COMANDO APENAS
\$git push***



Resultado...



WebProjectESII

[Star](#)

0

[Fork](#)

0

[SSH](#) ▾

git@gitlab.com:angelogl/WebPrc

[Global](#) ▾[Files \(195 KB\)](#)[Commits \(6\)](#)[Branch \(1\)](#)[Tags \(2\)](#)[Add Changelog](#)[Add License](#)[Add Contribution guide](#)[Set up CI](#)[Repo](#)

8358dcee Criada view de funcionario · 6 days ago by [Angelo Luz](#)

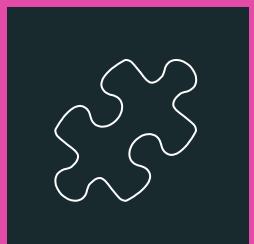
[Commit](#)

This project does not have a README yet

A [README](#) file contains information about other files in a repository and is commonly distributed with computer software, forming part of its documentation.

We recommend you to [add a README](#) file to the repository and GitLab will render it here instead of this message.

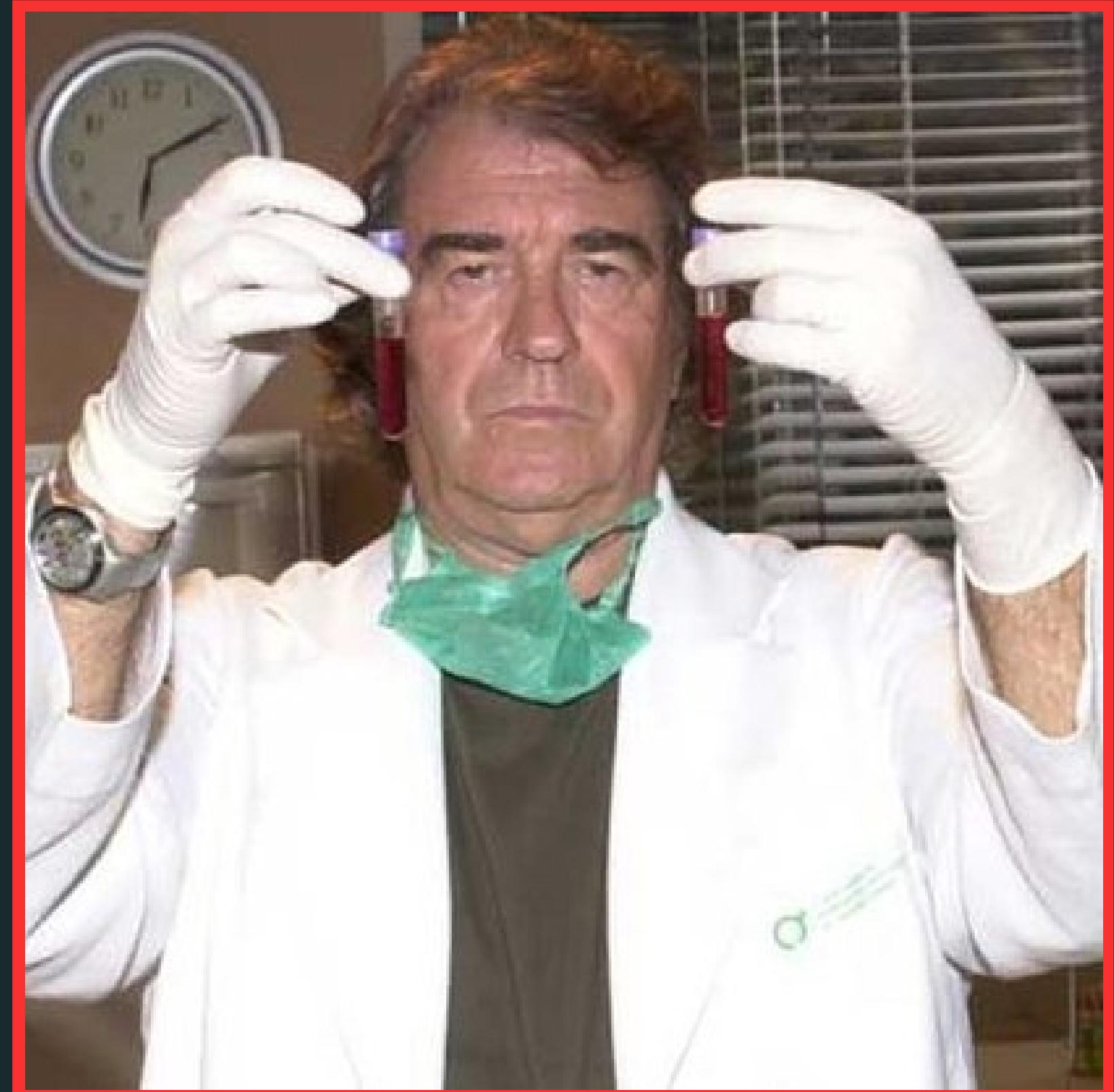
[Importante!](#)



**E quando eu quiser
abrir em uma nova
máquina?**



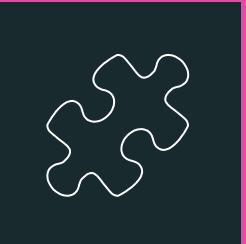
Temos o Clone



Clonando projeto



```
→ ap3 git clone https://github.com/senac-apiii/mercadis
Cloning into 'mercadis'...
remote: Enumerating objects: 83, done.
remote: Counting objects: 100% (83/83), done.
remote: Compressing objects: 100% (49/49), done.
remote: Total 83 (delta 14), reused 80 (delta 14), pack-reused 0
Unpacking objects: 100% (83/83), done.
→ ap3 ls
mercadis
→ ap3
```



E se eu já tenho o
projeto e alguém
modificou o
repositório remoto!?

Git pull



***UTILIZAMOS O PULL PARA BAIXAR AS
MODIFICAÇÕES.***
`$git pull origin master`



QUEST 03 - Em Grupo

Montem equipes. No github, crie um projeto e adicione o seguinte projeto (código) e adicione todos os integrantes das equipes

- Adicione todos os integrantes com o perfil de 'colaborador'
- Todos membros devem clonar o projeto em suas máquinas
- Cada membro deve definir uma tarefa simples a ser executada (ex.: criação/atualização do readme, ajuste de menu, ajuste/criação de function ou método), e executá-la. Ps.: Não esqueçam de criar um .gitignore.
- Assim que terminar, os membros precisam enviar as atualizações para o repositório remoto. A dica é: Antes de enviar atualizações, sempre baixe as possíveis atualizações do remoto.



QUEST 04 - Em Grupo

Trabalhar em uma branch foi fácil, agora vamos ver como vocês se viram quando precisam ramificar o desenvolvimento de vocês.

- Crie uma branch 'dev' a partir da branch main/master
- Cada membro deve definir uma tarefa distinta a ser executada, onde para executá-la cada membro deve criar, a partir da branch 'dev' uma branch chamada '**feature/nome-da-funcionalidade**' e desenvolvê-la

[Página 1/2 >>](#)



QUEST 04 - Em Grupo

- Assim que concluída a funcionalidade proposta na **branch**, a mesma deverá ser enviada para o repositório remoto e aberta uma solicitação de mescla com a branch '**dev**' (**merge request**)
- Realizem a mesclagem com a branch dev no repositório remoto.
- Certifique-se que todos os integrantes do grupo realizaram suas entregas e que elas já estão mescladas com a dev e **chame o professor para apresentar**.

Página 2/2 <<

FIM DE MISSÃO

